

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032545.D
 Acq On : 02 Nov 2022 17:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 03:18:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	101485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70877	50.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.520%			
35) Dibromofluoromethane	5.385	113	57210	50.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	8.653	98	196057	49.893	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.780%			
62) 4-Bromofluorobenzene	11.079	95	78431	51.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61432	52.484	ug/l	97
3) Chloromethane	1.294	50	49884	50.394	ug/l	97
4) Vinyl Chloride	1.374	62	56268	51.650	ug/l	99
5) Bromomethane	1.605	94	47741	54.837	ug/l	97
6) Chloroethane	1.685	64	36135	49.443	ug/l	99
7) Trichlorofluoromethane	1.886	101	107471	52.064	ug/l	97
8) Diethyl Ether	2.130	74	34006	50.837	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	57129	52.437	ug/l	99
10) Methyl Iodide	2.453	142	68550	56.317	ug/l	99
11) Tert butyl alcohol	2.959	59	47835	233.069	ug/l	98
12) 1,1-Dichloroethene	2.319	96	51303	50.408	ug/l	96
13) Acrolein	2.233	56	52433	255.906	ug/l	98
14) Allyl chloride	2.666	41	83983	51.765	ug/l	98
15) Acrylonitrile	3.062	53	140315	251.909	ug/l	99
16) Acetone	2.380	43	123245	240.474	ug/l	99
17) Carbon Disulfide	2.514	76	117992	48.674	ug/l	98
18) Methyl Acetate	2.703	43	89133	53.481	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	184184	51.490	ug/l	99
20) Methylene Chloride	2.788	84	58660	49.920	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	55987	50.538	ug/l	98
22) Diisopropyl ether	3.757	45	184063	52.451	ug/l #	86
23) Vinyl Acetate	3.721	43	731309	257.943	ug/l	100
24) 1,1-Dichloroethane	3.611	63	105860	52.445	ug/l	98
25) 2-Butanone	4.556	43	193036	243.112	ug/l	97
26) 2,2-Dichloropropane	4.477	77	84964	52.952	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	67939	53.055	ug/l	99
28) Bromochloromethane	4.897	49	35600	49.515	ug/l	98
29) Tetrahydrofuran	5.001	42	123415	243.750	ug/l	99
30) Chloroform	5.099	83	117792	53.182	ug/l	100
31) Cyclohexane	5.477	56	87510	51.183	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	105740	53.201	ug/l	98
36) 1,1-Dichloropropene	5.696	75	81899	52.042	ug/l	99
37) Ethyl Acetate	4.714	43	79272	48.393	ug/l	99
38) Carbon Tetrachloride	5.678	117	93432	53.529	ug/l	99
39) Methylcyclohexane	7.385	83	96693	51.931	ug/l	98
40) Benzene	6.037	78	233509	52.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43942	52.658	ug/l	99
42) 1,2-Dichloroethane	6.086	62	97436	53.524	ug/l	100
43) Isopropyl Acetate	6.342	43	130885	52.039	ug/l	99
44) Trichloroethene	7.129	130	65455	52.212	ug/l	99
45) 1,2-Dichloropropane	7.434	63	60297	52.745	ug/l	97
46) Dibromomethane	7.580	93	45971	52.436	ug/l	100
47) Bromodichloromethane	7.824	83	90652	54.557	ug/l	100
48) Methyl methacrylate	7.696	41	67529	51.987	ug/l	99
49) 1,4-Dioxane	7.671	88	24292	981.297	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	410753	259.279	ug/l	100
52) Toluene	8.720	92	152496	52.486	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92632	54.639	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98782	54.476	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	64318	52.564	ug/l	99
56) Ethyl methacrylate	9.116	69	94033	53.402	ug/l	98
57) 1,3-Dichloropropane	9.311	76	103173	52.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	226661	267.328	ug/l	100
59) 2-Hexanone	9.433	43	303004	257.765	ug/l	100
60) Dibromochloromethane	9.525	129	72975	54.601	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69035	53.246	ug/l	99
64) Tetrachloroethene	9.275	164	55338	51.656	ug/l	96
65) Chlorobenzene	10.079	112	169269	51.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66928	54.239	ug/l	99
67) Ethyl Benzene	10.195	91	306910	52.347	ug/l	99
68) m/p-Xylenes	10.305	106	236761	103.996	ug/l	98
69) o-Xylene	10.640	106	117311	52.998	ug/l	99
70) Styrene	10.659	104	195424	53.123	ug/l	100
71) Bromoform	10.799	173	52378	53.687	ug/l #	100
73) Isopropylbenzene	10.963	105	312286	50.071	ug/l	99
74) N-amyl acetate	10.841	43	121352	51.496	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	99689	49.796	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	89438m	51.077	ug/l	
77) Bromobenzene	11.201	156	76237	49.860	ug/l	100
78) n-propylbenzene	11.305	91	365089	50.807	ug/l	100
79) 2-Chlorotoluene	11.366	91	218992	50.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	276206	51.817	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27978	50.842	ug/l	97
82) 4-Chlorotoluene	11.457	91	255546	50.748	ug/l	100
83) tert-Butylbenzene	11.713	119	275582	51.784	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	274087	51.698	ug/l	100
85) sec-Butylbenzene	11.890	105	332699	51.956	ug/l	100
86) p-Isopropyltoluene	12.012	119	286659	52.757	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	147694	51.206	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	148527	49.637	ug/l	99
89) n-Butylbenzene	12.335	91	246460	52.138	ug/l	100
90) Hexachloroethane	12.542	117	46564	52.466	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	147045	51.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22683	51.677	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	94709	51.073	ug/l	99
94) Hexachlorobutadiene	13.725	225	39003	50.362	ug/l	99
95) Naphthalene	13.774	128	319002	51.627	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95781	50.812	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

